

IN THE CLAIMS:

1. (currently amended) A support apparatus for supporting at least a portion of a patient's limb during a procedure, said apparatus comprising:

a support having an upward facing surface upon which adapted to receive at least a portion of the patient's limb is rested to support the limb during the procedure to substantially eliminate movement of the limb regardless of movement of other portions of the patient; and

a sensor mounted on the support such that the sensor is at least partially attached to the support without an adhesive, said sensor being adapted to communicate with the patient's limb for measuring a physiological parameter of the patient on the limb when the limb is supported by the support.

2. (withdrawn) Apparatus in accordance with claim 1 wherein the surface has a contour generally corresponding to a portion of an arm of the patient's limb.

3. (withdrawn) Apparatus in accordance with claim 1 wherein the surface has a contour generally corresponding to a portion of a hand of the patient's limb.

4. (original) Apparatus in accordance with claim 1 wherein the sensor is mounted on the support generally adjacent the surface so the sensor is adapted to communicate with a portion of the patient's limb in contact with the surface during the procedure for measuring the physiological parameter of the patient on the limb.

5. (original) Apparatus in accordance with claim 1 further comprising a restraint member on the support for restraining movement of at least a portion of the patient's limb during the procedure.

6. (original) Apparatus in accordance with claim 1 wherein the sensor is selected from a group of sensors consisting of a temperature sensor, a pulse sensor, a blood pressure sensor, an electrocardiograph, and an oxygen saturation sensor.

7. (currently amended) A support apparatus for restraining movement of at least a portion of a patient's limb during a procedure, said apparatus comprising:

a support for receiving adapted to receive at least a portion of the patient's limb thereon to support the limb independent of the patient to limit to substantially eliminate movement of the limb during the procedure regardless of movement of other portions of the patient; and

a restraint mounted on the support for engaging the limb to restrain movement of the limb, said restraint including a sensor adapted to communicate with the patient's limb for measuring a physiological parameter of the patient on the limb when the limb is received by the restraint.

8. (original) Apparatus in accordance with claim 7 wherein the sensor is selected from a group of sensors consisting of a temperature sensor, a pulse sensor, a blood pressure sensor, an electrocardiograph, and an oxygen saturation sensor.

9. (withdrawn) Apparatus in accordance with 7 wherein the restraint comprises a strap.

10. (withdrawn) Apparatus in accordance with claim 9 wherein the strap is adapted to receive a portion of an arm of the patient's limb for restraining movement of the arm and for measuring the physiological parameter on the arm.

11. (withdrawn) Apparatus in accordance with claim 9 wherein the strap is adapted to receive a portion of a hand of the patient's limb for restraining movement of the hand and for measuring the physiological parameter on the hand.

12. (original) Apparatus in accordance with claim 7 wherein the restraint comprises a glove adapted to receive at least a portion of a hand of the patient's limb for restraining movement of the hand.

13. (original) Apparatus in accordance with claim 12 wherein the glove comprises a first portion adapted to receive at least a portion of a first digit of the hand, and a second portion separate from the first portion and adapted to receive at least a portion of a second digit of the hand.

14. (original) Apparatus in accordance with claim 12 wherein the glove includes a sleeve adapted to receive at least a portion of an arm of the patient's limb for restraining movement of the arm and for measuring the physiological parameter on the arm.

15. (currently amended) A support apparatus for restraining movement of at least a portion of a patient's limb during a procedure, said apparatus comprising:

a support ~~for receiving adapted to receive~~ at least a portion of the patient's limb thereon to support the limb ~~independent of the patient to limit to substantially eliminate~~ movement of the limb during the procedure regardless of movement of other portions of the patient; and

a glove mounted on the support and adapted to receive at least a portion of a hand of the patient's limb, wherein said glove has a first portion adapted to receive at least a portion of a first digit of the hand, and a second portion separate from the first portion and adapted to receive at least a portion of a second digit of the hand.

16. (original) Apparatus in accordance with claim 15 wherein a sleeve extends from the glove and is adapted to receive at least a portion of an arm of the patient's limb for restraining movement of the arm.

17-20. (canceled)

21. (currently amended) A support apparatus for supporting at least a portion of a patient's limb during a procedure, said apparatus comprising:

a support having an upward facing surface adapted to receive at least a portion of the patient's limb ~~is rested to support the limb during the procedure to substantially eliminate movement of the limb regardless of movement of other portions of the patient;~~ and

a sensor mounted on the support and including a measuring region facing away from the support surface for engaging the patient's limb when received by the support for measuring a physiological parameter of the patient.

22. (withdrawn) Apparatus in accordance with claim 21 wherein the surface has a contour generally corresponding to a portion of an arm of the patient's limb.

23. (withdrawn) Apparatus in accordance with claim 21 wherein the surface has a contour generally corresponding to a portion of a hand of the patient's limb.

24. (original) Apparatus in accordance with claim 21 further comprising a restraint on the support for restraining movement of at least a portion of the patient's limb during the procedure.

25. (original) Apparatus in accordance with claim 21 wherein the sensor is selected from a group of sensors consisting of a temperature sensor, a pulse sensor, a blood pressure sensor, an electrocardiograph, and an oxygen saturation sensor.